

Electrical Metal Tubing (EMT)

Steel Elbows



Wheatland's elbows are the perfect complements to our electrical conduit. Made from the same materials as our conduit, our steel elbows are produced in-house with our specialized in-line galvanizing process. Using the latest technology and equipment, our elbows ensure a smooth route for your raceways, from start to finish.

Electrical Metallic Tubing (EMT) - Steel Elbows Conforms With:

ANSI - American National Standard for Steel Electrical Metallic Tubing, (EMT) ANSI, C80.3

UL Standard for Electrical Metallic Tubing - Steel, UL797

National Electrical Code® 2008 Article 358

Federal Specification WW-C-563

Electrical Metallic Tubing (EMT) - Steel Elbows:

May be used where not subject to severe physical damage.

Permitted for exposed and concealed work.

Shall be permitted to be installed in concrete, in direct contact with the earth.

Permitted in areas of severe corrosive influences where protected by corrosion protection and judged suitable for the condition.

Permitted in or under cinder concrete or fill where subject to permanent moisture when protected on all sides by a layer of noncinder concrete not less than 2 in. (50 mm) thick or with corrosion protection judged suitable for the condition.

May be used with Aluminum fittings and enclosures where not subject to severe corrosive influences.

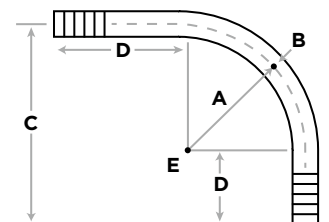
ELECTRICAL METALLIC TUBING (EMT) DIMENSIONS

TRADE SIZE	METRIC DESIGNATOR	OUTSIDE DIAMETER ¹	INSIDE DIAMETER ¹	WALL ¹
½	16	0.706	0.622	0.042
¾	21	0.922	0.824	0.049
1	27	1.163	1.049	0.057
1¼	35	1.510	1.380	0.065
1½	41	1.740	1.610	0.065
2	53	2.197	2.067	0.065
2½	63	2.875	2.731	0.072
3	78	3.500	3.560	0.072
3½	91	4.000	3.834	0.083
4	103	4.500	4.334	0.083

Notes: (1) outside diameter subject to UL 797 tolerances
(2) for informational only, not a UL 797 requirement

DIMENSIONS OF SPECIAL LARGE RADIUS 90° ELBOWS

TRADE SIZE	1" - 2½"	1" - 3"	1" - 4"	1" - 4"	1" - 5"	1" - 6"	1" - 6"	1" - 6"
When Radius "A" is	12"	15"	18"	24"	30"	36"	42"	48"
Offset "C" is	1'9"	2'0"	2'4"	2'11"	3'5"	3'11"	4'6"	5'0"
Straight End "D" is	9"	9"	10"	11"	11"	11"	12"	12"
Length Unbent is	3'0"	3'6"	4'0"	4'11"	5'9"	6'6"	7'6"	8'4"




SUBMITTAL INFORMATION

PROJECT: _____ CONTRACTOR: _____ DATE: _____

ENGINEER: _____ SPECIFICATION REFERENCE: _____ SYSTEM TYPE: _____

LOCATIONS: _____ COMMENTS: _____

WEL-052620

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 **Wheatland Tube**
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